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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/845,667

DATE: 12/06/2001  
 TIME: 15:33:32

Input Set : A:\es.txt  
 Output Set: N:\CRF3\12062001\I845667.raw

## SEQUENCE LISTING

ENTERED

- 4 (1) GENERAL INFORMATION:
  - 6 (i) APPLICANT: Cohen, Philip
    - 7 Alessi, Dario
    - 8 Cross, Darren
- 10 (ii) TITLE OF INVENTION: CONTROL OF PROTEIN SYNTHESIS, AND SCREENING METHOD
  - 11 FOR AGENTS
- 13 (iii) NUMBER OF SEQUENCES: 58
- 15 (iv) CORRESPONDENCE ADDRESS:
  - 16 (A) ADDRESSEE: Braman & Rogalskyj, LLP
  - 17 (B) STREET: P.O. Box 352
  - 18 (C) CITY: Canandaigua
  - 19 (D) STATE: New York
  - 20 (E) COUNTRY: USA
  - 21 (F) ZIP: 14424-0352
- 23 (v) COMPUTER READABLE FORM:
  - 24 (A) MEDIUM TYPE: Floppy disk
  - 25 (B) COMPUTER: IBM PC compatible
  - 26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
  - 27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- 29 (vi) CURRENT APPLICATION DATA:
  - C--> 30 (A) APPLICATION NUMBER: US/09/845,667
  - C--> 31 (B) FILING DATE: 30-Apr-2001
  - 32 (C) CLASSIFICATION:
- 50 (vii) PRIOR APPLICATION DATA:
  - 35 (A) APPLICATION NUMBER: US 09/091,763
  - 36 (B) FILING DATE: 19-JUN-1998
  - 39 (A) APPLICATION NUMBER: PCT/GB96/03186
  - 40 (B) FILING DATE: 20-DEC-1996
  - 43 (A) APPLICATION NUMBER: GB 9526083.2
  - 44 (B) FILING DATE: 20-DEC-1995
  - 47 (A) APPLICATION NUMBER: GB 9610272.8
  - 48 (B) FILING DATE: 16-MAY-1996
  - 51 (A) APPLICATION NUMBER: GB 9615066.9
  - 52 (B) FILING DATE: 18-JUL-1996
- 54 (viii) ATTORNEY/AGENT INFORMATION:
  - 55 (A) NAME: Braman, Susan J
  - 56 (B) REGISTRATION NUMBER: 34,103
  - 57 (C) REFERENCE/DOCKET NUMBER: 002.00041
- 59 (ix) TELECOMMUNICATION INFORMATION:
  - 60 (A) TELEPHONE: 716-393-3002
  - 61 (B) TELEFAX: 716-393-3001
- 63 (2) INFORMATION FOR SEQ ID NO: 1:
  - 65 (i) SEQUENCE CHARACTERISTICS:
    - 66 (A) LENGTH: 11 amino acids
    - 67 (B) TYPE: amino acid
    - 68 (C) STRANDEDNESS: single

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69                 (D) TOPOLOGY: linear  
71         (ii) MOLECULE TYPE: peptide  
75         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
77 Gly Arg Pro Arg Thr Ser Ser Phe Ala Glu. Gly  
78 1                 5                                     10  
80 (2) INFORMATION FOR SEQ ID NO: 2:  
82         (i) SEQUENCE CHARACTERISTICS:  
83                 (A) LENGTH: 7 amino acids  
84                 (B) TYPE: amino acid  
85                 (C) STRANDEDNESS: single  
86                 (D) TOPOLOGY: linear  
88         (ii) MOLECULE TYPE: peptide  
92         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
94 Arg Pro Arg Ala Ala Thr Cys  
95 1                 5  
97 (2) INFORMATION FOR SEQ ID NO: 3:  
99         (i) SEQUENCE CHARACTERISTICS:  
100                 (A) LENGTH: 12 amino acids  
101                 (B) TYPE: amino acid  
102                 (C) STRANDEDNESS: single  
103                 (D) TOPOLOGY: linear  
105         (ii) MOLECULE TYPE: peptide  
109         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
112 Phe Pro Gln Phe Ser Tyr Ser Ala Ser Ser Thr Ala  
113 1                 5                                     10  
115 (2) INFORMATION FOR SEQ ID NO: 4:  
117         (i) SEQUENCE CHARACTERISTICS:  
118                 (A) LENGTH: 7 amino acids  
119                 (B) TYPE: amino acid  
120                 (C) STRANDEDNESS: single  
121                 (D) TOPOLOGY: linear  
123         (ii) MOLECULE TYPE: peptide  
125         (ix) FEATURE:  
126                 (A) NAME/KEY: Peptide  
127                 (B) LOCATION: 2  
128                 (D) OTHER INFORMATION:/product= "OTHER"  
129 /label= Xaa  
130 /note= "CAN BE ANY AMINO ACID"  
132         (ix) FEATURE:  
133                 (A) NAME/KEY: Peptide  
134                 (B) LOCATION: group(4, 5)  
135                 (D) OTHER INFORMATION:/product= "OTHER"  
136 /label= Xaa  
137 /note= "CAN BE ANY AMINO ACID,  
138 INCLUDING SMALL AMINO  
139 ACIDS, OTHER THAN GLYCINE"  
141         (ix) FEATURE:  
142                 (A) NAME/KEY: Peptide  
143                 (B) LOCATION: 7

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144 (D) OTHER INFORMATION:/product= "OTHER"  
145 /label= Xaa  
146 /note= "Xaa IS A LARGE  
147 HYDROPHOBIC RESIDUE SUCH  
148 AS LEU OR PHE"  
150 (ix) FEATURE:  
151 (A) NAME/KEY: Peptide  
152 (B) LOCATION:6  
153 (D) OTHER INFORMATION:/product= "OTHER"  
154 /label= Xaa  
155 /note= "Xaa MAY BE SERINE OR  
156 THREONINE"  
159 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
W--> 161 Arg Xaa Arg Xaa Xaa Xaa Xaa  
162 1 5  
164 (2) INFORMATION FOR SEQ ID NO: 5:  
166 (i) SEQUENCE CHARACTERISTICS:  
167 (A) LENGTH: 7 amino acids  
168 (B) TYPE: amino acid  
169 (C) STRANDEDNESS: single  
170 (D) TOPOLOGY: linear  
172 (ii) MOLECULE TYPE: peptide  
174 (ix) FEATURE:  
175 (A) NAME/KEY: Peptide  
176 (B) LOCATION:group(2, 4, 5)  
177 (D) OTHER INFORMATION:/product= "OTHER"  
178 /label= Xaa  
179 /note= "Xaa IS ANY AMINO ACID"  
181 (ix) FEATURE:  
182 (A) NAME/KEY: Peptide  
183 (B) LOCATION:7  
184 (D) OTHER INFORMATION:/product= "OTHER"  
185 /label= Xaa  
186 /note= "Xaa IS A LARGE  
187 HYDROPHOBIC RESIDUE"  
190 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
W--> 192 Arg Xaa Arg Xaa Xaa Ser Xaa  
193 1 5.  
195 (2) INFORMATION FOR SEQ ID NO: 6:  
197 (i) SEQUENCE CHARACTERISTICS:  
198 (A) LENGTH: 7 amino acids  
199 (B) TYPE: amino acid  
200 (C) STRANDEDNESS: single  
201 (D) TOPOLOGY: linear  
203 (ii) MOLECULE TYPE: peptide  
207 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
209 Arg Pro Arg Ala Ala Thr Phe  
210 1 5  
212 (2) INFORMATION FOR SEQ ID NO: 7:

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214 (i) SEQUENCE CHARACTERISTICS:  
215 (A) LENGTH: 7 amino acids  
216 (B) TYPE: amino acid  
217 (C) STRANDEDNESS: single  
218 (D) TOPOLOGY: linear  
220 (ii) MOLECULE TYPE: peptide  
224 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
226 Arg Ser Arg Lys Glu Ser Tyr  
227 1 5  
229 (2) INFORMATION FOR SEQ ID NO: 8:  
231 (i) SEQUENCE CHARACTERISTICS:  
232 (A) LENGTH: 7 amino acids  
233 (B) TYPE: amino acid  
234 (C) STRANDEDNESS: single  
235 (D) TOPOLOGY: linear  
237 (ii) MOLECULE TYPE: peptide  
239 (ix) FEATURE:  
240 (A) NAME/KEY: Peptide  
241 (B) LOCATION:group(2, 4, 5)  
242 (D) OTHER INFORMATION:/product= "OTHER"  
243 /label= Xaa  
244 /note= "Xaa CAN BE ANY AMINO  
245 ACID"  
247 (ix) FEATURE:  
248 (A) NAME/KEY: Peptide  
249 (B) LOCATION:7  
250 (D) OTHER INFORMATION:/product= "OTHER"  
251 /label= Xaa  
252 /note= "Xaa IS A LARGE  
253 HYDROPHOBIC RESIDUE"  
256 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
W--> 258 Arg Xaa Arg Xaa Xaa Ser Xaa  
259 1 .5  
261 (2) INFORMATION FOR SEQ ID NO: 9:  
263 (i) SEQUENCE CHARACTERISTICS:  
264 (A) LENGTH: 7 amino acids  
265 (B) TYPE: amino acid  
266 (C) STRANDEDNESS: single  
267 (D) TOPOLOGY: linear  
269 (ii) MOLECULE TYPE: peptide  
273 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
275 Arg Pro Arg Thr Ser Ser Phe  
276 1 5  
278 (2) INFORMATION FOR SEQ ID NO: 10:  
280 (i) SEQUENCE CHARACTERISTICS:  
281 (A) LENGTH: 7 amino acids  
282 (B) TYPE: amino acid  
283 (C) STRANDEDNESS: single  
284 (D) TOPOLOGY: linear

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286      (ii) MOLECULE TYPE: peptide
288      (ix) FEATURE:
289          (A) NAME/KEY: Peptide
290          (B) LOCATION:group(4, 5)
291          (D) OTHER INFORMATION:/product= "OTHER"
292 /label= Xaa
293 /note= "Xaa IS ANY SMALL AMINO
294 ACID EXCEPT GLYCINE"
296      (ix) FEATURE:
297          (A) NAME/KEY: Peptide
298          (B) LOCATION:7
299          (D) OTHER INFORMATION:/product= "OTHER"
300 /label= Xaa
301 /note= "Xaa IS ANY LARGE
302 HYDROPHOBIC RESIDUE"
304      (ix) FEATURE:
305          (A) NAME/KEY: Peptide
306          (B) LOCATION:2
307          (D) OTHER INFORMATION:/product= "OTHER"
308 /label= Xaa
309 /note= "Xaa IS ANY AMINO ACID"
312      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
W--> 314 Arg Xaa Arg Xaa Xaa Ser Xaa
315 1      5
317 (2) INFORMATION FOR SEQ ID NO: 11:
319      (i) SEQUENCE CHARACTERISTICS:
320          (A) LENGTH: 6 amino acids
321          (B) TYPE: amino acid
322          (C) STRANDEDNESS: single
323          (D) TOPOLOGY: linear
325      (ii) MOLECULE TYPE: peptide
327      (ix) FEATURE:
328          (A) NAME/KEY: Peptide
329          (B) LOCATION:group(2, 3)
330          (D) OTHER INFORMATION:/product= "OTHER"
331 /label= Xaa
332 /note= "Xaa CAN BE ANY AMINO
333 ACID"
335      (ix) FEATURE:
336          (A) NAME/KEY: Peptide
337          (B) LOCATION:group(4, 6)
338          (D) OTHER INFORMATION:/product= "OTHER"
339 /label= Xaa
340 /note= "Xaa IS PHE OR TYR"
342      (ix) FEATURE:
343          (A) NAME/KEY: Peptide
344          (B) LOCATION:5
345          (D) OTHER INFORMATION:/product= "OTHER"
346 /label= Xaa

```

**VERIFICATION SUMMARY**

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L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10  
L:352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:1136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58